January 28

*Gallery in the Architecture Building*

5:00 p.m.
Reception

6:00 p.m.
Keynote Presentation
Kim Tanzer, Professor of Architecture, University of Virginia
“Design Research and the Creation of Preferred Futures”

January 29

*Gallery in the Architecture Building*

8:30 a.m.
Registration and Continental Breakfast

9:15 a.m.
Welcome from Dean Silver

9:20 a.m.
Opening Session: Solar Living House
Bradley Walters

Session A: 10:00 to 11:00 a.m.

**On Resilient Cities (in Gallery)**

Christopher Silver
Distressed City: Floods, Water Management and Replanning Megacity Jakarta

Martha Kohen
Hydro –retrofitting the Metropolis, The new centrality of the Periphery in Sao Paulo Brazil

Joseli Macedo
Equitable Distribution of Open Space: Using Spatial Analysis to Evaluate Urban Parks in Curitiba, Brazil

**On Health (in 331 ARCH)**

Sherry Ahrentzen
Mitigating Thermal Extremes and Improving Health: A Case Study of Green and Healthy Housing for Older Adults

Ferdinand Lewis and Ruth Steiner
Learning From Health Impact Assessment: A View From City Planning

Nam-Kyu Park
Caregivers’ Lighting Satisfaction in a Neonatal Intensive Care Unit
Session B: 11:20 a.m. to 12:40 p.m.

**On Resilience (in Gallery)**

Kathryn Frank  
Planning for Sea Level Rise with Role-Play Games

Peggy Carr and Paul Zwick  
Alternative Future Land Use Scenarios for Florida 2060 derived using Projected Population, Gross Urban Density and 1m Sea Level Rise

Michael Volk and Tom Hoctor  
Adaptation to Sea-level Rise in Florida: Biological Conservation Priorities

Rob Holmes  
The Lake and the Lagoon: Landscape Architecture and Large-Scale Environmental Restoration

**On Modeling (in 331 ARCH)**

Ravi Srinivasan  
Dynamic-Sustainability Information Modeling (Dynamic-SIM) Framework

Lee-Su Huang  
A Parametric Vernacular: Genetic Algorithms in Urban Formations

Svetlana Olbina  
Implementation of Building Information Modeling on K-12 Educational Facility Projects in Florida

Nawari Nawari  
BIM Education: Curriculum Development for Kuwait

**On Theory (in 213 ARCH)**

Mark McGlothin  
Architectural Deceit Revisited

Stephen Belton  
From Centripetal to Centrifugal Space: Eichler Homes and the Inversion of Figure-Ground in Postwar Suburban Housing

**On Transportation (in 213 ARCH)**

Alexis Thomas  
Analyzing Demographic Data for Transportation Planning

Ruth Steiner  
Quantifying the Costs of School Transportation

**On Heritage (in 215 ARCH)**

William Tilson  
Design Codes and Climate Change: The Case of Florida: 1811-2014

Donna Cohen  
SCHOOLS OF ARCHITECTURE|AFRICA: Design+ Development

Vandana Baweja  
Messy Modernisms: Otto Koenigsberger’s Early Work in Princely Mysore 1939–1941

Marty Hylton  
From Miami to Myanmar: Opportunities and Challenges for the 3D Digital Documentation of Heritage

Lunch: 12:40 p.m. at Perry Construction Yard
### Session C: 2 to 3:20 p.m.

#### On Sustainability (in Gallery)

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Abdol Chini</td>
<td>Design of Concrete Buildings with Low Carbon Footprint Index (CFI)</td>
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<td>Glenn Acomb</td>
<td>7 Research Revelations in 7 Years of UF’s Green Roof</td>
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<td>Robert Ries</td>
<td>Value and Limits of Net Zero Energy, Water and Goods Production Systems</td>
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#### On Modeling (in 331 ARCH)

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<tr>
<td>Ajay Shanker</td>
<td>Evaluation of a Longboat Key Resort, the Colony, For Wind-Borne Debris Hazard in Hurricanes</td>
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<td>Michael Kuenstle</td>
<td>Surface Continuity Modeling for Stress Distribution Using Digital Modeling and Fabrication Techniques</td>
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<td>Ian Flood</td>
<td>The Future Potential of Computer-Based Empirical Modeling in Engineering and Manufacturing</td>
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#### On Pedagogy (in 213 ARCH)

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<tr>
<td>Kristin Larsen</td>
<td>An Update on the First Graduate Online Planning Degree: Status, Lessons Learned, and Next Steps</td>
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<td>Paul Oppenheim</td>
<td>Development of Teaching Laboratories for Mechanical Systems Courses</td>
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<td>Bahar Armaghani</td>
<td>Bridging the Gap between Education and Operation on Campus through Hands-on Learning</td>
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<td>Donna Cohen</td>
<td>Obdurate Space: Architecture of Donald Judd</td>
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#### On Management (in 215 ARCH)

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<tr>
<td>Andrew Wehle</td>
<td>Leading Indicators of Safety in Construction Management</td>
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<td>Edward Minchin</td>
<td>Best Design Processes for Fast-Track Highway and Bridge Construction</td>
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<tr>
<td>Russell Walters</td>
<td>Using 3D Graphics and Object Oriented Design to Improve Construction Documents</td>
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<tr>
<td>Raymond Issa</td>
<td>Ontology-based Semantic Interpretation Framework for Legal Analysis in Construction Claims</td>
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Session D: 3:40 to 4:40 p.m.

**On Materials & Making (in 331 ARCH)**

Stephen Belton and Lee-Su Huang
A Negotiated Materiality: Allographic Practices with Autographic Effects

Jason Alread
The BioComposite Design Group: An Interdisciplinary Experiment in Research and Development

Charlie Hailey
Reflective Building: Feedback from Living and Working within Design/Build Pedagogy

**On Pedagogy (in 213 ARCH)**

Jason Meneely
Extending the Active Learning Environment: From Physical to Virtual and the Spaces in Between

Mark McGlothin
The Weight of Things

Bradley Walters
Here be Dragons: On the Value of Incompleteness in Drawing

**On Human Experience (in 215 ARCH)**

Candy Carmel-Gilfilen
Empathy Dimensions in Cancer Care

Nichole Campbell
Beyond Addressing Physical Needs: Meeting Older Adults’ Social Needs in Mainstream Neighborhood Housing

Margaret Portillo
Narrative Inquiry: Cultivating Empathy in the Person, Process and Press

**Poster Session & Reception: 5 p.m. in Gallery**